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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	-	217.561	47.841	-	47.841	132.495	131.844	129.164	151.614	Continuing	Continuing
675294: <i>Theater Air Control System Improvement - Radar (TACSI-R)</i>	-	159.837	-	-	-	-	-	-	-	Continuing	Continuing
675346: <i>F-35</i>	-	57.724	37.874	-	37.874	112.583	80.084	49.558	50.151	Continuing	Continuing
676011: <i>JSF DUAL CAPABLE AIRCRAFT</i>	-	-	9.967	-	9.967	19.912	51.760	79.606	101.463	Continuing	Continuing

Note

This funding is included in funding for PRCP Program Number, 198, JSF.

In FY 2012, Project 676011 Dual Capable Aircraft includes new start efforts.

PE 0207142F was a new PE for Joint Strike Fighter (JSF) starting in FY11 for post SDD enhancements. PE 0604800F is the USAF RDT&E funding for JSF SDD.

Program funding reflects reductions to overhead. These efficiencies total \$.643M in FY12, and do not impact program content.

A. Mission Description and Budget Item Justification

The Joint Strike Fighter (JSF) program will develop and deploy a family of highly common, affordable next generation, stealthy, multi-role strike fighter aircraft that meets the needs of the USN, USAF, USMC and allies with maximum commonality among the variants, consistent with National Disclosure Policy, to minimize life cycle costs. This is a joint program with no executive service. Navy and Air Force each provide approximately equal shares of annual funding to the program. The United Kingdom and seven other international countries, and four Foreign Military Sales cases are participants in the JSF program. Follow-on Development will continue the evolutionary approach of SDD by providing capability enhancements through a combined incremental and spiral methodology. The Joint Capabilities Integration and Development System (JCIDS) and Defense Acquisition System (DAS) will provide the framework and basis for defining, managing and acquiring the envisioned F-35 enhancements. This program is funded under Operational Systems Development because it funds efforts to upgrade systems for full rate production. Funding in project 675294 for FY11 has been loaded to PE 0207142F in error, and should be in PE 0604800F. The following exhibits reflect the requested transfer amount.

This program is in Budget Activity 7, Operational System Development, because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>
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B. Program Change Summary (\$ in Millions)	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>
Previous President's Budget	-	217.561	102.144	-	102.144
Current President's Budget	-	217.561	47.841	-	47.841
Total Adjustments	-	-	-54.303	-	-54.303
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	-54.303	-	-54.303

Change Summary Explanation

FY12 changes due to program restructure.

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207142F: Joint Strike Fighter Squadrons				PROJECT 675294: Theater Air Control System Improvement - Radar (TACSI-R)			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
675294: Theater Air Control System Improvement - Radar (TACSI-R)	-	159.837	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

Note

Funding in project 675294 for FY12 and beyond has been loaded to PE 0207142F in error, and should be in PE 0604800F.

A. Mission Description and Budget Item Justification

Funding in project 675294 for FY12 and beyond has been loaded to PE 0207142F in error, and should be in PE 0604800F. The Joint Strike Fighter (JSF) program will develop and deploy a family of highly common, affordable next generation, stealthy, multi-role strike fighter aircraft that meets the needs of the USN, USAF, USMC and allies with maximum commonality among the variants, consistent with National Disclosure Policy, to minimize life cycle costs. This is a joint program with no executive service. Navy and Air Force each provide approximately equal shares of annual funding to the program. The United Kingdom and seven other international countries, and four Foreign Military Sales cases are participants in the JSF program. Follow-on Development will continue the evolutionary approach of SDD by providing capability enhancements through a combined incremental and spiral methodology. The Joint Capabilities Integration and Development System (JCIDS) and Defense Acquisition System (DAS) shall provide the framework and basis for defining, managing and acquiring the envisioned F-35 enhancements. This program is funded under Operational Systems Development because it funds efforts to upgrade systems for which we anticipate approval for full rate production.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: TACSI-R	-	159.837	-	-	-
Description: Funding inadvertently added to incorrect PE - technical adjustment requested in FY11 PB.					
FY 2010 Accomplishments:					
FY 2011 Plans: See description.					
FY 2012 Base Plans:					
FY 2012 OCO Plans:					
Accomplishments/Planned Programs Subtotals	-	159.837	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>	PROJECT 675294: <i>Theater Air Control System Improvement - Radar (TACSI-R)</i>	

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• N/A:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

N/A

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force											DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207142F: Joint Strike Fighter Squadrons				PROJECT 675294: Theater Air Control System Improvement - Radar (TACSI-R)					
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Theater Air Control System Improvement - Radar (TACSI-R)	TBD	Not specified.,	-	159.837	Jan 2011	-		-		-	0.000	159.837	0.000
Subtotal			-	159.837		-		-		-	0.000	159.837	0.000
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000
Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000
			Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	159.837		-		-		-	0.000	159.837	0.000
Remarks													

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207142F: Joint Strike Fighter Squadrons				PROJECT 675346: F-35			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
675346: F-35	-	57.724	37.874	-	37.874	112.583	80.084	49.558	50.151	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
Note This funding is included in totals for PRCP number 198, JSF.											
A. Mission Description and Budget Item Justification The Joint Strike Fighter (JSF) program will develop and deploy a family of highly common, affordable next generation, stealthy, multi-role strike fighter aircraft that meets the needs of the USN, USAF, USMC and allies with maximum commonality among the variants, consistent with National Disclosure Policy, to minimize life cycle costs. This is a joint program with no executive service. Navy and Air Force each provide approximately equal shares of annual funding to the program. The United Kingdom and seven other international countries cases are participants in the JSF program. Follow-on Development will continue the evolutionary approach of SDD by providing capability enhancements though a combined incremental and spiral methodology. The Joint Capabilities Integration and Development System (JCIDS) and Defense Acquisition System (DAS) shall provide the framework and basis for defining, managing and acquiring the envisioned F-35 enhancements. This program is funded under Operational Systems Development because it funds efforts to upgrade systems for full rate production.											
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: Air Vehicle FoD Description: Follow-on development Block 4 capabilities; includes logistics, weapons, security, sensors, survivability, upgrades & urgent operational requirements with 2015 delivery to services & partners. FY 2010 Accomplishments: FY 2011 Plans: Initiate follow-on development Block 4 capabilities; includes logistics, weapons, security, sensors, survivability, upgrades & urgent operational requirements with 2015 delivery to services & partners. FY 2012 Base Plans: Continue follow-on development Block 4 capabilities; includes logistics, weapons, security, sensors, survivability, upgrades & urgent operational requirements with 2015 delivery to services & partners. FY 2012 OCO Plans:							-	57.684	37.572	-	37.572
Title: Follow-on Development Support							-	0.040	0.302	-	0.302

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force								DATE: February 2011				
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207142F: Joint Strike Fighter Squadrons				PROJECT 675346: F-35				
B. Accomplishments/Planned Programs (\$ in Millions)								FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Description: Management support services, travel, test, engineering technical services and studies analyses required to support F-35 variants. Efforts support aircraft and engine follow-on development. FY 2010 Accomplishments: FY 2011 Plans: Initiate management support services, test, travel, engineering technical services in support of Follow-on Development. FY 2012 Base Plans: Continue management support services, test, travel, engineering technical services in support of Follow-on Development. FY 2012 OCO Plans:												
Accomplishments/Planned Programs Subtotals								-	57.724	37.874	-	37.874
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost	
• PE 0604800F: USAF RDT&E	2,033.521	883.773	1,387.926	0.000	1,387.926	1,198.293	933.452	608.211	361.064	Continuing	Continuing	
• PE 0604800N: USN RDT&E	1,855.177	667.915	650.773	0.000	650.773	725.043	706.512	588.704	462.301	Continuing	Continuing	
• PE 0604800M: USMC RDT&E	0.000	667.916	670.723	0.000	670.723	741.600	703.575	585.759	459.571	Continuing	Continuing	
• PE 0604800N (3): USN RDT&E - USRL	30.998	39.876	26.713	0.000	26.713	19.473	0.000	0.000	0.000	Continuing	Continuing	
• PE not applicable: Int'l Partner RDT&E	161.511	200.912	122.474	0.000	122.474	144.220	2.800	0.000	0.000	Continuing	Continuing	
• PE 0207142F: USAF Procurement	2,357.949	4,191.142	3,664.092	0.000	3,664.092	3,764.260	5,285.022	5,985.244	7,703.525	Continuing	Continuing	
• PE 0204146N: USN Procurement	4,449.336	1,886.988	1,720.762	0.000	1,720.762	2,405.858	2,429.364	2,952.444	2,790.723	Continuing	Continuing	
• PE 0204146M: USMC Procurement	0.000	2,576.142	1,259.162	0.000	1,259.162	1,296.310	1,379.916	1,865.005	2,709.859	Continuing	Continuing	
• PE not applicable (8): Int'l Partner Procurement	727.462	733.662	1,372.792	0.000	1,372.792	3,010.273	4,791.824	7,367.035	6,817.101	Continuing	Continuing	
	3.017	5.410	5.665	0.000	5.665	3.848	4.895	5.615	5.670	Continuing	Continuing	

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207142F: Joint Strike Fighter Squadrons				PROJECT 675346: F-35			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• PE 426500: USN Other Procurement											
• PE 0207142F (10): USAF Initial Spares and Repair Parts	129.296	263.573	151.469	0.000	151.469	322.076	340.956	508.599	770.495	Continuing	Continuing
• PE 0204146N (11): USN Initial Spares and Repair Parts	248.184	107.030	86.902	0.000	86.902	101.272	331.063	313.699	91.696	Continuing	Continuing
• PE 0204146M (12): USMC Initial Spares and Repair Parts	0.000	164.135	66.430	0.000	66.430	33.290	63.484	124.794	224.075	Continuing	Continuing
• PE 0207142F (13): USAF MILCON	67.529	139.640	31.050	0.000	31.050	89.000	72.000	69.050	65.000	Continuing	Continuing
• PE 0212576N: USN MILCON	3.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
• PE 0207142F (15): USAF Modifications	0.000	123.936	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
D. Acquisition Strategy											
Follow-on Development will continue the evolutionary approach of SDD by providing capability enhancements though an incremental methodology. The Joint Capabilities Integration and Development System (JCIDS) and Defense Acquisition System (DAS) will provide the framework and basis for defining, managing and acquiring the envisioned F-35 enhancements. The plan for each follow-on increment will include all development, integration and verification testing of those capabilities. Additionally, non-recurring efforts for cut-in of FoD retrofit, production and sustainment will be included. Retrofit planning will be based on upgrading all previously fielded aircraft to the latest increment in order to limit the number of configurations, thus reducing life cycle cost. Retrofit execution will be in accordance with stakeholders direction.											
These follow-on development efforts will be procured via cost type contracts. It is anticipated that fee provisions will be used to target and motivate contractor performance. The new configurations will be incorporated into production and, if required by the U.S. Services or SDD International Partners, retrofitted to fielded aircraft under F-35 production and sustainment contracts. Similar to SDD, BOAs and ID/IQ contracts may be used for trade studies and analyses to supplement Follow-On requirements development.											
E. Performance Metrics											
Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force											DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE				PROJECT					
3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development					PE 0207142F: Joint Strike Fighter Squadrons				675346: F-35					
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Lockheed Martin	SS/CPAF	Lockheed Martin:Ft Worth, TX	-	57.684	Jan 2011	37.572	Oct 2011	-		37.572	Continuing	Continuing	0.000	
Subtotal			-	57.684		37.572		-		37.572			0.000	
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
ASC/AFRL	Various	Various:Wright Patterson AFB, OH	-	-		0.010	Oct 2011	-		0.010	Continuing	Continuing	0.000	
Eglin Development Support	Various	Various:Eglin AFB, FL	-	-		0.225	Oct 2011	-		0.225	Continuing	Continuing	0.000	
Product Development System Engineering	Various	Various:Various,	-	0.040	Feb 2011	0.067	Oct 2011	-		0.067	Continuing	Continuing	0.000	
Subtotal			-	0.040		0.302		-		0.302			0.000	
Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Subtotal			-	-		-		-		-	0.000	0.000	0.000	
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Subtotal			-	-		-		-		-	0.000	0.000	0.000	
			Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals			-	57.724		37.874		-		37.874			0.000	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force						DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>			R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>			PROJECT 675346: <i>F-35</i>		
	Total Prior Years Cost	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Remarks								

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>	PROJECT 675346: <i>F-35</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>	PROJECT 675346: <i>F-35</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
DAB Program Review (DPR)	1	2011	1	2011
Follow-On Development Contract Award	1	2012	3	2016

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207142F: Joint Strike Fighter Squadrons				PROJECT 676011: JSF DUAL CAPABLE AIRCRAFT			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
676011: JSF DUAL CAPABLE AIRCRAFT	-	-	9.967	-	9.967	19.912	51.760	79.606	101.463	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
Note This funding is included in totals for PRCP number 198, JSF.											
A. Mission Description and Budget Item Justification The Joint Strike Fighter (JSF) program will develop and deploy a family of highly common, affordable next generation, stealthy, multi-role strike fighter aircraft that meets the needs of the USN, USAF, USMC and allies with maximum commonality among the variants, consistent with National Disclosure Policy, to minimize life cycle costs. The Joint Contract Specification requirements call for the F-35A (CTOL) Variant Air Vehicle to have the capabilities and provisions for Dual Capable Aircraft (DCA) operations. DCA refers to the capability to carry and deliver conventional or non-conventional weapons. DCA operation is internal carriage of two B-61s. In accordance with the Operational Requirements Document, DCA will be integrated in the first post-SDD block upgrade in time to meet Joint Strategic Capabilities Plan force structure requirements.											
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: DCA Description: Post-SDD execution for the CTOL F-35 to incorporate dual-capability in the first post SDD block upgrade in time to meet joint Strategic Capabilities Plan force structure requirements in order to achieve operational capability FY 2010 Accomplishments: FY 2011 Plans: FY 2012 Base Plans: Initiate efforts to incorporate dual-capability in to the first post SDD block upgrade. FY 2012 OCO Plans:							-	-	9.967	-	9.967
Accomplishments/Planned Programs Subtotals							-	-	9.967	-	9.967

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>	PROJECT 676011: <i>JSF DUAL CAPABLE AIRCRAFT</i>

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PE 0604800F: <i>USAF RDT&E</i>	2,033.521	883.773	1,387.926	0.000	1,387.926	1,198.293	933.452	608.211	361.064	Continuing	Continuing
• PE 0207142F: <i>USAF APAF</i>	2,357.949	3,986.242	3,664.092	0.000	3,664.092	3,764.260	5,285.022	5,985.244	7,703.525	Continuing	Continuing
• PE 0207142F (2): <i>USAF APAF</i> <i>Spares</i>	129.296	263.573	151.469	0.000	151.469	322.076	340.956	508.599	770.495	Continuing	Continuing
• PE 0207142F (3): <i>USAF MILCON</i>	67.529	139.640	31.050	0.000	31.050	89.000	72.000	69.050	65.000	Continuing	Continuing
• PE 0207142F (4): <i>USAF</i> <i>Modifications</i>	0.000	123.936	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

The Joint Contract Specification requirements call for the F-35A (CTOL) Variant Air Vehicle to have the capabilities and provisions for Dual Capable Aircraft (DCA) operations. Capable refers to the capability to carry and deliver conventional or non-conventional weapons. Dual capable operation is internal carriage of two B61. Capability is required per the Operational Requirements Document to be included in F-35 first post-SDD block upgrade aircraft. Funding completes integration and conduct certification trials to field the DCA capability.

Under the System Development and Demonstration (SDD) Phase of the F-35 Program (embedded within PE 0604800F), the F-35 Air Vehicle was designed to provide for the future full integration of the B61 weapon. This entailed ensuring that sufficient physical volume be reserved for the weapon and its parent carriage equipment, AME and the capability provide the system 2 interface. Design provision included the space necessary to load, carry, and release the B61 as well as the space needed for the physical interface points, both in the Main Weapon Bay (electrical access panels, harness points, and S&RE Access) and applicable pilot interface. Electrical and functional provisions include power and signals to support weapon statusing and employment as well as the relevant wiring harnesses.

Under the Follow-on Development (FoD) phase (PE: 0207142F, Project 676011 DCA) tasks will complete the integration of the DCA capability and will conduct certification trials necessary to field the DCA capability.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force											DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207142F: Joint Strike Fighter Squadrons				PROJECT 676011: JSF DUAL CAPABLE AIRCRAFT					

Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Lockheed Martin	Various	Lockheed Martin:Ft. Worth, TX	-	-		9.967	Oct 2012	-		9.967	329.000	338.967	0.000
Subtotal			-	-		9.967		-		9.967	329.000	338.967	0.000

Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000

Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000

Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			-	-		-		-		-	0.000	0.000	0.000

			Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	-		9.967		-		9.967	329.000	338.967	0.000

Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>	PROJECT 676011: <i>JSF DUAL CAPABLE AIRCRAFT</i>

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207142F: <i>Joint Strike Fighter Squadrons</i>	PROJECT 676011: <i>JSF DUAL CAPABLE AIRCRAFT</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
DCA Contract award	3	2012	3	2012

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